

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
22 January 2004 (22.01.2004)

PCT

(10) International Publication Number
WO 2004/008403 A3

(51) International Patent Classification⁷: **G08B 13/196**,
13/194

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(21) International Application Number:
PCT/IL2003/000585

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 15 July 2003 (15.07.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
150745 15 July 2002 (15.07.2002) IL
153813 6 January 2003 (06.01.2003) IL

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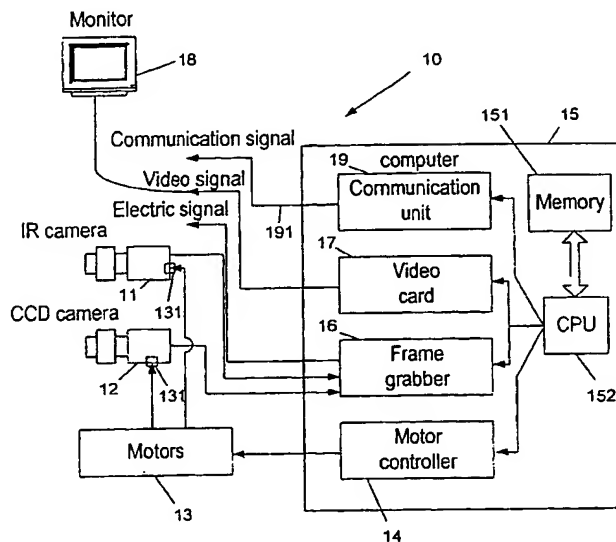
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR IMPLEMENTING MULTIPURPOSE MONITORING SYSTEM



(57) Abstract: Method for the monitoring of an environment, by procuring, adjourning and storing in a memory, files representing the background space. Programs for processing data obtained from the observation of objects are defined and stored in a memory, for identifying the objects and for determining whether they are dangerous. Parameters, according to which the observation of the controlled space is effected, are determined and stored. Photographic observation of the controlled space or sections thereof, is performed according to the aforesaid observation parameters. The digital data representing these photographs are processed to determine whether possible dangerous objects have been detected, and if so, these objects are classified according to the stored danger parameters.



(88) Date of publication of the international search report:
11 March 2004

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/IL 03/00585

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G08B13/196 G08B13/194

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G08B G08G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

WPI Data, EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	EP 1 170 715 A (H A N D GMBH) 9 January 2002 (2002-01-09) paragraphs '0007!-'0012! column 3, line 18 - line 21 paragraph '0015! paragraph '0021! paragraph '0027! paragraph '0031! paragraph '0033!	1-3,5,7, 8,17,18, 28,29 4,6
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

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- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

23 January 2004

Date of mailing of the international search report

30. 01. 2004

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

International Application No.
PCT/IL 03/00585

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	US 4 989 084 A (WETZEL DONALD C) 29 January 1991 (1991-01-29) the whole document ----	1-8
A	US 5 686 889 A (HILLIS DAVID B) 11 November 1997 (1997-11-11) the whole document ----	1,28,29
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Y	the whole document ----	9-16, 20-26, 30-36
X	US 5 790 183 A (KERBYSON GERALD M) 4 August 1998 (1998-08-04) ----	1,28,29
Y	column 1, line 19 - line 24 column 6, line 53 - line 56 column 9, line 11 -column 1031 column 11, line 43 - line 51 ----	9-16, 20-26, 30-35
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INTERNATIONAL SEARCH REPORT

International application No.
PCT/IL 03/00585

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☒ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
1-26, 28-36
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-8 17, 18

Method for monitoring an environment wherein a predictive analysis of the path of suspect entities is undertaken (cf assessing the path and foreseeing the future path of objects)

1.1. Claims: 28,29

Apparatus for monitoring an environment comprising a particular type of camera technology

2. Claims: 1, 9-16, 19-26, 28, 30-36

Method for monitoring an environment, performing angle modifications (Claim 9) of the layout of the imager positioning, or observing from a plurality of imagers in a given relationship (claims 17-26) in order to perform a panoramic or 3-Dimensional analysis of said environment.

Apparatus including features allowing the positioning of the image devices in order to perform the above mentioned method.

3. Claims: 1, 27

Method for monitoring an environment documenting activities of wildlife.

Please note that all inventions mentioned under item 1, although not necessarily linked by a common inventive concept, could be searched without effort justifying an additional fee.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

IL 03/00585

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